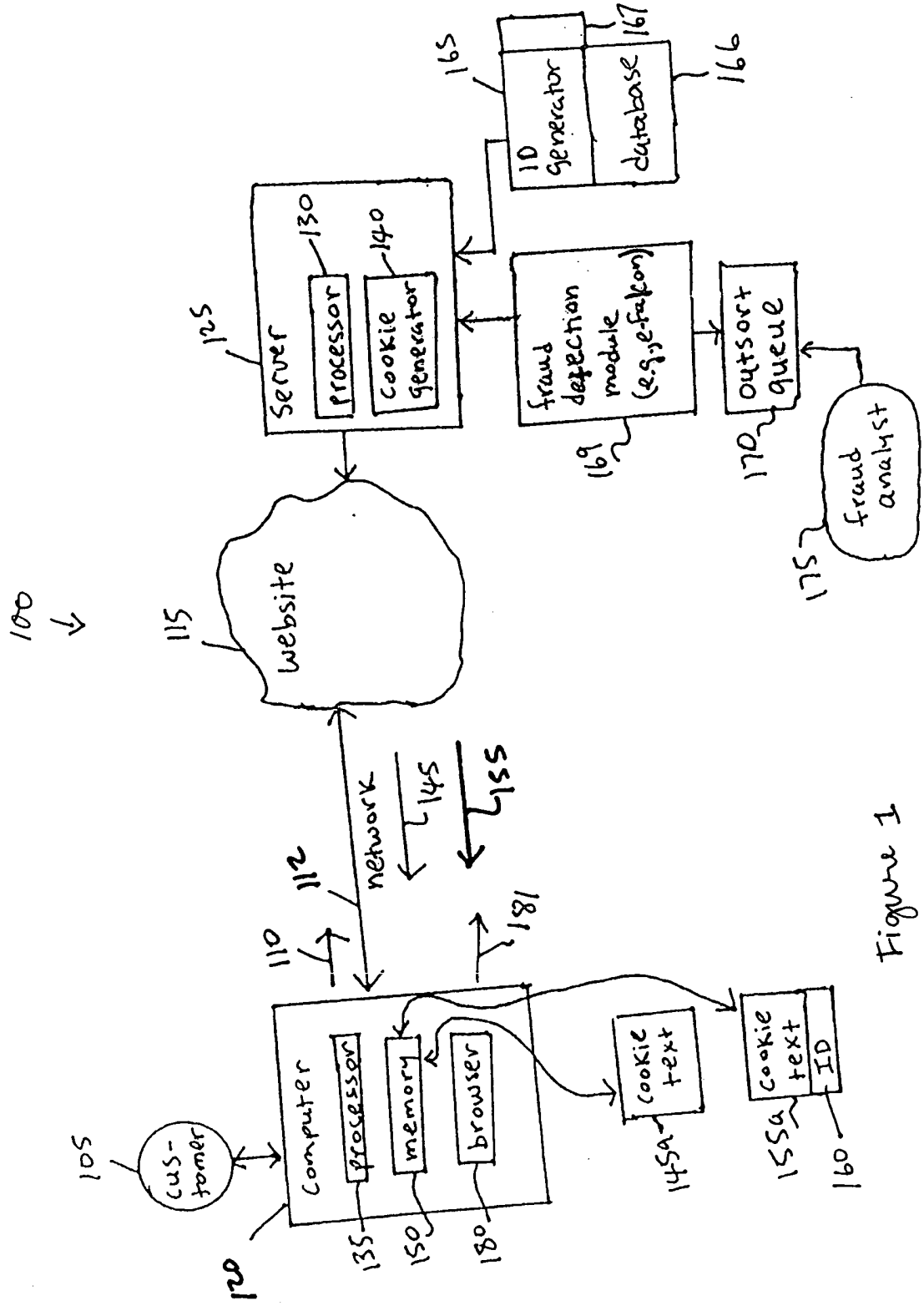
100
105
customer
120
Computer
processor
memory
browser
135
150
180
110
112
network
145
155
181
115
website
125
server
processor
130
cookie generator
140
ID generator
165
database
167
166
fraud detection module (e.g. e-Falcon)
169
outsort queue
170
fraud analyst
175
cookie text
145a
cookie text
ID
155a
160

Figure 1

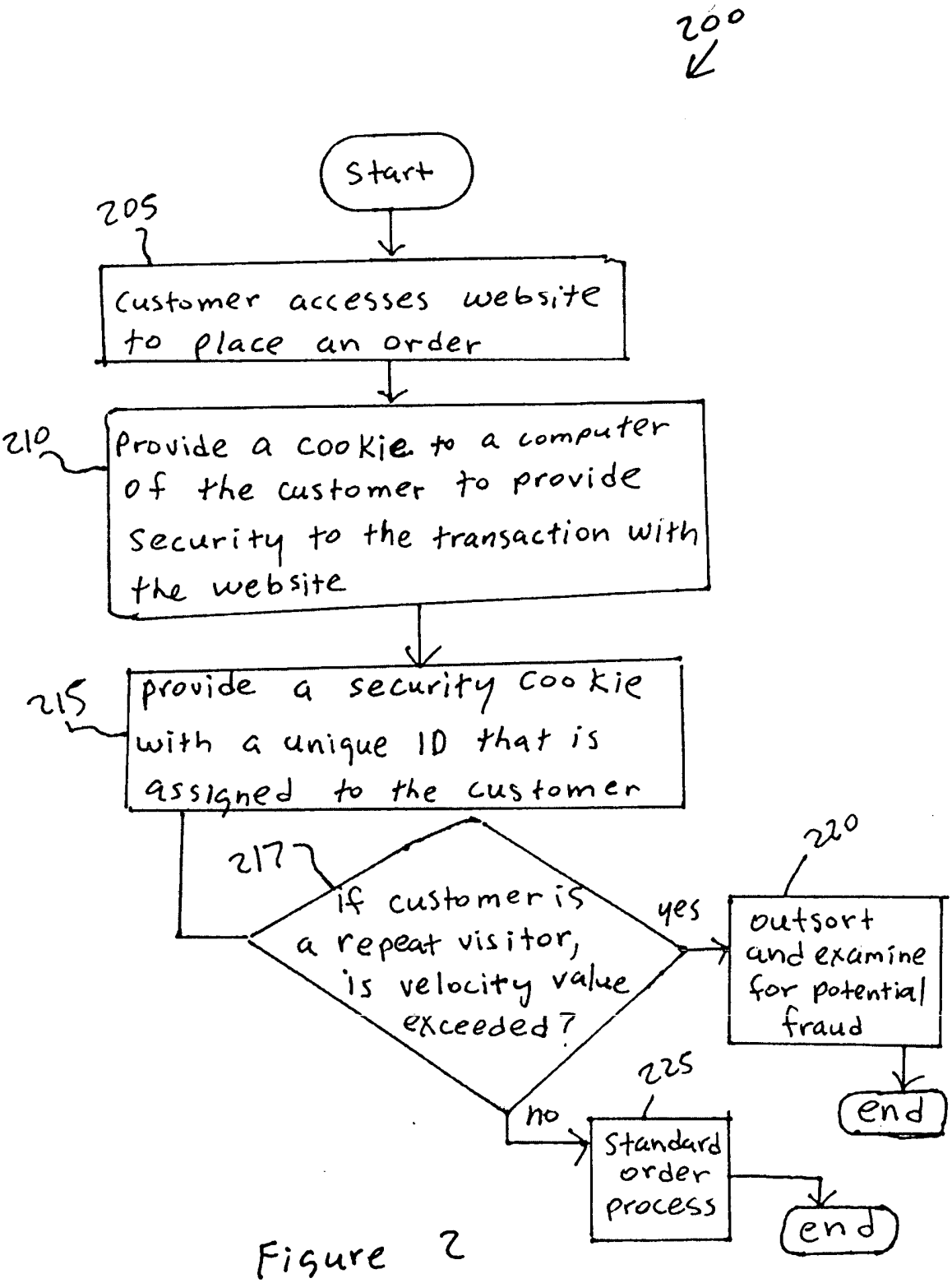
200
Start
205
Customer accesses website to place an order
210
Provide a cookie to a computer of the customer to provide security to the transaction with the website
215
provide a security cookie with a unique ID that is assigned to the customer
217
If customer is a repeat visitor, is velocity value exceeded?
yes
220
outsort and examine for potential fraud
end
no
225
Standard order process
end

Figure 2

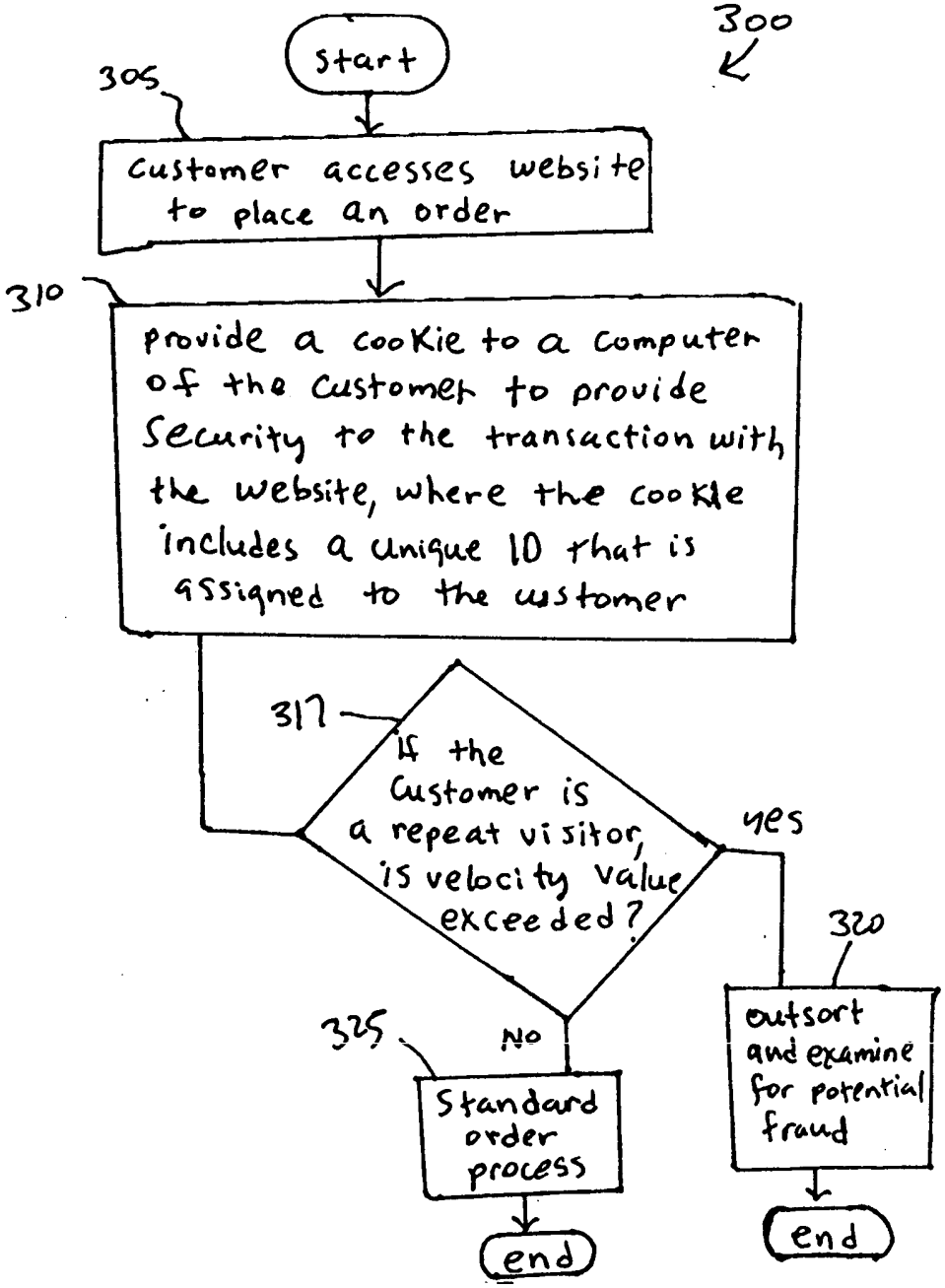
300
Start
305
Customer accesses website to place an order
310
provide a cookie to a computer of the customer to provide security to the transaction with the website, where the cookie includes a unique ID that is assigned to the customer
317
If the customer is a repeat visitor, is velocity value exceeded?
yes
320
outsort and examine for potential fraud
end
325
No
Standard order process
end

Figure 3